dlc 96000439
(cont.)

X Collection

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Page: 1

Barcode Number	Box Number	Total of Volumes	Call Number
LIBRARY OF CONGRESS 0 029 767 400 6	1938 1 BOX	3	TH443– TH900
	1939	9	TH1065– TH5501
LIBRARY OF CONGRESS 0 029 767 401 8	1940	5	TH5606 no.1-5 (1950)
LIBRARY OF CONGRESS 0 029 767 402 A	1941 1 BOX	3	TH5606.Z9 no.1-3 (1948-52)
	1942	8	TH7201.A5– TH9148
LIBRARY OF CONGRESS 0 029 767 406 7	1945	7	TH9151 no.1-7 * (1950-52)
LIBRARY OF CONGRESS 0 029 767 403 1	1943	100	TH9237.U5 no.1-100 (1920-66)
LIBRARY OF CONGRESS 0 029 767 404 3	1944A	51	TH9237.U5 no.1-51 (1921-50)

* Follows Call # Sequence

X Collection

INDEX

Page: 2

Barcode Number	Box Number	Total of Volumes	Call Number
LIBRARY OF CONGRESS 0 029 767 405 5	1944B	12	TH9237.U5 no. 52-63 (1953-60)
LIBRARY OF CONGRESS 0 029 767 407 9	1946A	54	TH9237.U5 no. 1-54 (1921-57)
LIBRARY OF CONGRESS 0 029 767 408 0	1946B	24	TH9237.U5 no. 55-78 (1958-Undated)
LIBRARY OF CONGRESS 0 029 767 413 4	1947A	90	TH9237.U5 no. 1-90 (1919-53)
LIBRARY OF CONGRESS 0 029 767 414 6	1947B	16	TH9237.U5 no. 91-106 (1953-55)
LIBRARY OF CONGRESS 0 029 767 415 8	1948A	100	TH9237.U5 no. 1-100 (1947-53)
LIBRARY OF CONGRESS 0 029 767 416 A	1948B	28	TH9237.U5 no. 101-128 (1954-Undated)

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JUN 18
1968

ELECTRICAL CONSTRUCTION MATERIALS LIST

MAY 1968

SEE ALSO ELECTRICAL APPLIANCE AND UTILIZATION EQUIPMENT LIST

X-TH 9739

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ABLE I

TYPES OF FLEX E CORD, CABLE, AND WIRE

Tinsel Cords [a]	Heater Cords [b]	General-Use Cords			Special-Purpose Cords, Cables, and Wires
TP	HC	PO	S	SP-2	[illegible]
TPT	HPD	PO-1	ST	[illegible]	[illegible]
TS	HPN	[illegible]	[illegible]	[illegible]	SRD [f]
TST	[illegible]	[illegible]	SJT [c]	ST [c, d]	SRDT [f]
	[illegible]	[illegible]	SJTO [c]	STO [c, d]	X [g]
	HSJ	[illegible]	SO [c, d]	SV	XT [g]
	HSJO		SP-1	SVO	CX [g]
				SVT	CXT [g]
				SVTO	FXT [g]

[a] Tinsel cords are limited e in power-supply cords and cord sets not longer than 8 feet, [illegible] all in g the line fitting and load fitting (when provided) but excluding the bla [illegible] for attachment-plug cap.

[b] A heater cord of a [illegible] than indicated in this column can be given special consideration.

[c] A Type SO, ST, STO [illegible], SJT, or SJTO cord that is marked *outdoor* is limited to use in outd rd sets.

[d] Type SO, ST, and S ord that is marked *For mobile-home use: . . . amperes* is limited to n power-supply cords for mobile homes. A Type SO, ST, or STO marked *For travel-trailer use: . . . amperes* is limited to use in cord and power-supply cords for travel trailers.

[e] Types SP-3 and SPT ds are limited to use in power-supply cords for refrigerators and roo conditioners.

[f] Types SRD and SRD les are limited to use with electric ranges and clothes dryers. Type D and SRDT power-supply cables for household electric ranges are to 6 feet long when measured from the face of the attachment-plug cap point at which the cable enters the range enclosure.

[g] Types X, XT, CX, a XT cords, and Types FX and FXT wires are limited to use in p upply cords marked as required in paragraph 79A.

X-TH 9227
115 #57
2B Cat.
5 - JAN - 6
Copy 1969

August 30, 1968

UNDERWRITERS' LABORATORIES, INC.

STANDARD FOR

ELECTRIC SPACE-HEATING EQUIPMENT

UL 573 - 1968

ERRATA

Page 82 (dated August 30, 1968), Table XII, column headed "Length" --

"0-10 inches (0-254 millimeters)" should be "0-10 feet (0-3.048 meters)"

"over 10-20 inches (over 254-508 millimeters)" should be "over 10-20 feet (over 3.048-6.096 meters)"

"over 20-30 inches (over 508-762 millimeters)" should be "over 20-30 feet (over 6.096-10.144 meters)"

August 30, 1968

UNDERWRITERS' LABORATORIES, INC.

STANDARD FOR

ELECTRIC SPACE-HEATING EQUIPMENT

UL 573 - 1968

The effective date for the standard is September 1, 1969, which differs from the date of August 30, 1968, appearing on each page. Until September 1, 1969, the requirements in the new standard will be applied by the Laboratories in judging submitted products unless the submittal is accompanied by a request to have the product judged under the earlier versions (if any) of the requirements that appear in the proceding edition of the standard (1962). On and after September 1, 1969, all products listed by the Laboratories must comply with the new standard in its entirely or be dropped from listing (this applies regardless of when the products may have been listed).

X- TH 7227
.N5

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October 27, 1969

5 - MAR 13
Copy 1970

STANDARD FOR ROSETTES UL 351

Attached is a copy of the October 27, 1969, edition of the Standard for Rosettes (UL 351), which supersedes the November, 1965, edition and is now in effect.

The new edition has been issued to bring up to date the Foreword (paragraphs 1 – 5) and the description of the Reexamination Service (paragraphs R1 – R7). Also, a number of editorial changes have been made.

The requirements section (pargaraphs 6 – 51) was reaffirmed as an American National Standard on October 27, 1969.

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September 12, 1969

5 - MAR 13
Copy 1970

FLEXIBLE NONMETALLIC TUBING UL 3—1969

Attached is a copy of the September 12, 1969, edition of the Standard for Flexible Nonmetallic Tubing (UL 3), which supersedes the November, 1965 edition and is now in effect.

The new edition has been issued to bring up to date the Foreword (paragraphs 1–5) and the description of the Label Service (paragraphs L1–L40). Also, a number of editorial changes have been made.

The requirements section (paragraphs 6–40) was reaffirmed as an American National Standard on September 12, 1969.

5 - JUL 2
Copy 8 1969

Sub (Cat GB)

X-TH 9227

Subject 641 **July 16, 1969**

#G

Standard for Low-Temperature Venting Systems, Type L

The accompanying stickers should be inserted in your copy of the above-named Standard.

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---

6 *Deleted.*

Paragraph 6 deleted July, 1969 — Standard for Low-Temperature Venting Systems, Type L, First Edition, UL 641.

---

7 These Requirements cover the design and construction of factory-built vent piping and fittings designed to be assembled with their companion parts to provide venting systems for use with fuel-burning appliances listed as exhausting low-temperature flue gases and approved for use with Type L venting systems. Type L low-temperature venting systems are intended to be installed and used in accordance with the Standard of the National Fire Protection Association for Chimneys, Fireplaces, and Venting Systems, NFPA No. 211-1968.

8-18 inclusive *Deleted.*

Paragraph 7 revised and paragraphs 8-18, inclusive, deleted July, 1969 — Standard for Low-Temperature Venting Systems, Type L, First Edition, UL 641.

---

42 *Deleted.*

Paragraph 42 deleted July, 1969 — Standard for Low-Temperature Venting Systems, Type L, First Edition, UL 641.

55A To conform to the preceding paragraph, a firestop is to provide complete firestopping when the assembly is installed in a framed joist opening dimensioned ½ inch greater on each side than the opening for which the assembly is designed. A spacer is to provide for substantially continuous interference with construction for a height of not less than 1 inch. A joint between factory-made parts which provide for fire stopping is not to have a through opening greater than ⅛ inch wide.

Paragraph 55A added July, 1969 — Standard for Low-Temperature Venting Systems, Type L, First Edition, UL 641.

---

90 The test is to be started with the test venting system and the test structure at (ambient) room temperature. The flue-gas generator is to be fired at the input given in Table I and the air shutter regulated to produce flue gases at a temperature of 500° F above room temperature at the location in the flue pipe designated in Figure 1.

Paragraph 90 revised July, 1969 — Standard for Low-Temperature Venting Systems, Type L, First Edition, UL 641.

Subject 478 July 2, 1969

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---

66 *Deletion of paragraph 66 effective December 31, 1969.* 66

Standard for Electronic Data-Processing Units and Systems, First Edition, UL 478

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78 Except as noted in paragraph 79, fixed equipment and units intended for attachment to the structural parts of a building or to other permanently located items shall be provided with means for permanent connection to the primary-circuit power (see paragraph 20). Stationary equipment shall be provided with means for permanent connection to the primary-circuit power unless connection by means of a supply cord (see paragraphs 21 and 22) is necessary to facilitate the interchange of units. 78

Revised paragraph 78 effective December 31, 1969 — Standard for Electronic Data-Processing Units and Systems, First Edition, UL 478

supply conductors except that it is green or green with one or more yellow stripes is to be installed as part of the branch circuit that supplies the unit or system.

Revised item A of paragraph 281 effective December 31, 1969 — Standard for Electronic Data-Processing Units and Systems, First Edition, UL 478

Revised paragraph 409 effective December 31, 1969 — Standard for Electronic Data-Processing Units and Systems, First Edition, UL 478

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173 Devices providing overcurrent (overload) protecti be suitable for use when supplied directly by the brar to which the equipment can properly be connected ditional suitable protection is provided in the unit.

Revised paragraph 173 effective December 31, 1969 — Standard for Electronic Data-Processing Units and Systems, First Edition, UL 478

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6 -MAR 24
Copy 1970

October 27, 1969

STANDARD FOR ELECTRICALLY ILLUMINATED FRAMES UL 368

Attached is a copy of the October 27, 1969, edition of the Standard for Electrically Illuminated Frames (UL 368), which supersedes the November 1965, edition and is now in effect.

The new edition has been issued to bring up to date the Foreword (paragraphs 1 – 5) and the description of the Label Service (paragraphs L1 – L36).
Also, a number of editorial changes have been made.

The requirements section (paragraphs 6 – 117) was reaffirmed as an American National Standard on October 27, 1969.

X-TH 9239
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July 1, 1969

STANDARD FOR
FLEXIBLE CORD AND FIXTURE WIRE
UL 62

The 15 accompanying sheets are revised pages issued for this standard. Revisions are indicated by notes following the affected paragraphs, tables, and figures. With these sheets inserted, your copy of the standard is up to date if it contains pages dated as follows:

FLEXIBLE CORD AND FIXTURE WIRE UL 62

X-TH9237
45

Subject 869 **October 15, 1969**

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8E A device designated as *Service Equipment for Motors* shall incorporate a fusible service switch or a circuit breaker and, in either instance, a motor controller. The device may have provision for factory- or field-installed secondary-lighting arresters, pressure switches, control transformers, clock-operated switches, and auxiliary devices such as push-button stations, selector switches, interlocks, auxiliary power contacts, overload relays, and fuse clips on the fusible service switch. 8E

Revised paragraph 8E effective October 15, 1969 — Standard for Service Equipment, Second Edition, UL 869

---

29 A box flange, or the side wall of a box, may be punched to form an car that may be bent out to facilitate the mounting of the box or to form a bracket for securing a trim, provided that (1) there is no direct opening into the box when the ear is in any position, and (2) the overlap between the edges of the opening and the edge of the flange or other closing metal is no less than ⅛ inch. 29

Revised paragraph 29 effective October 15, 1969 — Standard for Service Equipment, Second Edition, UL 869

X-TH 9207
2/5

Subject 498 July 3, 1969

#66

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254A **Female contacts and associated live parts in the outlet opening of a plug which can be touched by the probe illustrated in Figure 30A shall be recessed from the plane of the opening a distance not less than 1/4 of the maximum straight-line dimension of the opening or 3/64 inch, whichever is larger.** 254A

254B The plane of the opening used to determine the minimum recess specified in paragraph 254A is that plane nearest the face of the device having the minimum opening for the pin clearance. Bevels, tapers, or other expansions of the opening to the face of the device do not affect the measurement. 254B

254C The probe in Figure 30A is to be inserted point first as far as possible in the opening without distorting the perimeter of the opening. 254C

254D The maximum straight-line dimension of a circle is the diameter, of a rectangle the diagonal, and of any other opening the maximum-length straightline which will fit within the opening at the plane of measurement. 254D

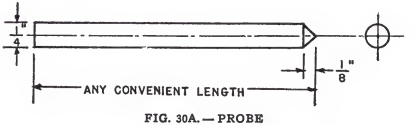

FIG. 30A. — PROBE

Added paragraphs 254A – 254D and Figure 30A effective January 1, 1970 — Standard for Attachment Plugs and Receptacles, Eighth Edition, UL 498

SEP 26
Copy 1969

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ELECTRICAL CONSTRUCTION MATERIALS LIST

August 1969

1894 UL 1969 75th anniversary testing for public safety

SEE ALSO ELECTRICAL APPLIANCE AND UTILIZATION EQUIPMENT LIST

X-7H 9237
5 - APR 2
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Subject 859
January 31, 1970

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12 **The frame and enclosure of a hair-waving or -drying appliance shall be sufficiently strong and rigid to resist the abuses likely to be encountered during normal service. The degree of resistance inherent in the appliance shall preclude total or partial collapse with the attendant reduction of spacings, loosening or displacement of parts, and other serious defects which alone or in combination constitute an increase in the fire, shock, and/or accident hazards.** 12

12A Among the factors taken into consideration when an enclosure is being judged for acceptability are its (1) physical strength, (2) resistance to impact, (3) moisture-absorptive properties, (4) combustibility, (5) resistance to corrosion, and (6) resistance to distortion at temperatures to which the enclosure may be subjected under conditions of normal or abnormal use. For a non-metallic enclosure, all of these factors are considered with respect to thermal aging. 12A

Revised paragraph 12 and added paragraph 12A effective January 31, 1970 — Standard for Beauty-Parlor Equipment, Second Edition, UL 859

X-7H 7-37 .U5
#C

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February 13, 1970

STANDARD FOR WIRE CONNECTORS AND SOLDERING LUGS UL 486

The accompanying sheet includes a revised page issued for this standard. Revisions are indicated by notes following the affected paragraphs, tables, and figures. With this sheet inserted, your copy of the standard is up to date if it contains pages dated as follows:

Page	*Date*
Front Cover	June 27, 1969
Back of front cover	June , 1969
General information	None
4 – 7	June 27, 1969
8, 8A, 9, 10, 10A	December 15, 1969
11 – 13	June 27, 1969
14 – 16	December 15, 1969
17 – 20	June 27, 1969
21	December 15, 1969
22	June 27, 1969
23, 24	December 15, 1969
25	February 13, 1970
26, 27	June 27, 1969
28	December 15, 1969
29 – 35	June 27, 1969

Additional and/or revised pages may be issued from time to time.

8 - MAR - 9
Copy 1970

February 13, 1970

UNDERWRITERS' LABORATORIES, INC.

STANDARD FOR

WIRE CONNECTORS AND SOLDERING LUGS

UL 486-1969

ERRATA

Page 25 (dated February 13, 1970), paragraph 74, effective date should be December 15, 1969, instead of January 1, 1971.

X-TH95-4 .95
#7

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January 22, 1970

5 - APR 14
Copy 1970

STANDARD FOR
ELECTRIC HEATING APPLIANCES
UL 499

The sixteen accompanying sheets are revised pages [illegible] this standard. Revisions are indicated by notes following the affected paragraphs, tables, and figures. With these sheets inserted, your copy of the standard is up to date if it contains pages dated as follows:

Page	*Date*
Front cover	1968
Back of front cover	July 2, 1968
General information	none
4	October 13, 1969
5	January 22, 1970
6	July 2, 1968
7, 8	October 13, 1969
9–12	July 2, 1968
13, 14, 14A	October 13, 1969
15	July 2, 1968
16, 17	October 13, 1969
18	July 2, 1968
19–20A	July 3, 1969
21–23	July 2, 1968
24, 24A	January 10, 1969
25–31	July 2, 1968
32, 32A	March 31, 1969
33–35	July 2, 1968
36, 36A, 37	October 13, 1969
38	March 31, 1969
39	July 2, 1968
40	October 13, 1969
41–46	July 2, 1968
47	October 13, 1969
48–63	July 2, 1968
64, 64A, 64B	March 31, 1969
65, 66	July 2, 1968
67, 68, 68A	January 22, 1970
72	March 31, 1969
73–84	July 2, 1968
85–87	January 22, 1970

Additional and/or revised pages may be issued from time to time.

X- TH 9237
.U5

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5 -FEB- 6
Copy ..D... 1970

Subject 507

Chicago, Illinois
January 15, 1970

To: Holders of the Standard for Electric Fans

Subject: New Edition of the Standard

Enclosed is a copy of the July, 1969 (fourth) edition of this Standard, which supersedes the third edition and is now in effect.

The requirements section (paragraphs 6-213) was approved as a USA Standard on July 1, 1969.

UNDERWRITERS' LABORATORIES, INC.

N. M. McCorkle

N. M. McCORKLE
Standards Engineer

X-TH 9237
.U5

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Subject 486

Chicago, Illinois
January 15, 1970

To: Holders of the Standard for Wire Connectors and Soldering Lugs

Subject: New Edition of the Standard

Enclosed is a copy of the June, 1969 (fourth) edition of this Standard, which supersedes the third edition and is now in effect.

The requirements section (paragraphs 6 - 124) was approved as a USA Standard on June 27, 1969.

UNDERWRITERS' LABORATORIES, INC.

N. M. McCorkle

N. M. McCORKLE
Standards Engineer

5 - JAN 29
1970

X-TH 9237
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5 - APR 22
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March 13, 1970

STANDARD FOR ELECTRIC FANS UL 507

The accompanying sheet is the first revised page issued for this Standard. Revisions of the previous text are indicated by notes associated with the affected paragraphs, tables, or figures. With this sheet inserted, your copy of the Standard is up to date if it contains pages as follows:

Page	*Date*
Front cover	July 1, 1969
Back of front cover	none
3–25	July 1, 1969
26	March 13, 1970
27–49	July 1, 1969

More revised and additional pages may be issued from time to time.

8 - APR 8
#75

UNDERWRITERS' LABORATORIES, INC.
STANDARD FOR
TIME-INDICATING AND - RECORDING APPLIANCES
UL 863 - 1968

ERRATA

March 30, 1970

Page 12 (dated May 20, 1968),
Paragraph 42, third line---
"hoe" should be "hole".

Page 13 (dated May 20, 1968),
Paragraph 51, fourth line---
"51" should be "50".

Page 15 (dated May 20, 1968),
Paragraph 67, fourth line---
"No. 18" should be "No. 8".

Page 27 (dated May 20, 1968),
Paragraph 120, formula---

expression "$T = \frac{R}{}$ ..." etc.

should be "$T = \frac{R}{r}$ ..." etc.

Page 34 (dated May 20, 1968),
Paragraph number "R5"
should be "R4"; Paragraph
number "R6" should be "R5".

Page 35 (dated May 20, 1968),
Paragraph number "R7"
should be "R6".

X-7113 #1/6 .05

33 A sub-base for a surface-type snap switch for use with open wiring shall be so designed that it will separate the wires leading to the switch not less than ½ inch from the surface wired over. A sub-base shall be of porcelain, cold-molded or phenolic composition, or other insulating material recognized as being suitable for the purpose.

5 - APR 17
Copy 1970

Means for Mounting

34 A base designed for surface mounting shall have two or more holes for mounting screws, and a base with an area of more than 25 square inches shall have three or more holes for mounting screws. Except in the case of a special-use switch, a mounting-screw hole shall be countersunk not less than ⅛ inch in the material of the base; and there shall be a spacing over the surface of the insulating material, between the head of the screw or washer and the nearest uninsulated live part, in accordance with the requirement in paragraph 84.

35 Except for a special-use switch, a flush-type switch shall be provided with means for mounting in a standard flush-device box or on a standard outlet-box cover. A yoke, strap, or mounting ears shall be of metal not less than 0.040 inch in thickness and, if of steel, shall be protected against corrosion or otherwise suitably coated. If a nonferrous metal is used, it shall be of thickness sufficient to provide mechanical strength and rigidity not less than that of 0.040-inch-thick steel.

36 The yoke, strap, or mounting ears may be provided with extension plaster ears, which may be scored so that they can be broken off if not needed.

37 Plaster ears, whether separate pieces or integral with the mounting means, shall not carry the identifying marking or the electrical ratings of the switch, unless the marking and rating also appear elsewhere on the device.

37A Any screw provided with a switch for use in mounting the device to an outlet box or other enclosure shall not project more than ⅞ inch beyond the strap or cover and shall have a flat or blunt end. The end of the screw shall have no burrs, fins, or sharp edges that might abrade wire insulation. This does not preclude thread-cleaning slots or grooves in the end of a screw.

Added paragraph effective June 2, 1970

*Replaces page 11 dated December 11, 1967

X-TH 9237

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Subject 498 5 - APR 28 **April 1, 1970** 1970

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66 and 67 *Deletion of paragraphs 66 and 67 effective April 1, 1970.* 66 and 67

Standard for Attachment Plugs and Receptables,
Eighth Edition, UL 498

43A A pin (screwless) type terminal (i.e., one in which a pin terminal pierces conductor insulation to establish contact) of a wiring device intended for field assembly on a flexible cord may be accepted *only for a current carrying connection* as judged on the basis of tests outlined in paragraphs 222A–222H. A wiring device with pin terminals shall have the nonpolarized parallel blades and/or slots shown in illustration Figure 3. See also paragraph 230A.

Added paragraph 43A effective March 1, 1971 — Standard for Attachment Plugs and Receptacles, Eighth Edition, UL 498

Tests of Pin Type Terminals

Assembly

222A Following the instructions provided, it shall be practical to readily assemble the wiring device to the flexible cord or cords with which it is intended to be used. Proper assembly shall be judged by examination and tests. Except for cord types and sizes which can be clearly excluded by the marking specified in item C of paragraph 230A, the device shall be assembled and tested with each of the sizes and types of flexible cords which it will physically accommodate.

Temperature

222B The temperature rise shall be no more than 30°C when the wiring device is carrying the current corresponding to the ampacity of the size cord which the device is intended to accommodate. Thermocouples are to be attached, at points as close as possible to the face of the device, to the male blades of an attachment plug cap or current tap or to the male blades of an attachment plug cap inserted in the outlet of a cord connector body. The assemblies are to be continued under test for fifteen days without interruption and the temperature values are to be measured at the end of each working day.

Added paragraphs 222A-222B effective March 1, 1971 — Standard for Attachment Plugs and Receptacles, Eighth Edition, UL 498

X-TH9237

UF #78

A BULLETIN

(Addressed to all agencies of public information)

The fire loss for 1921 exceeded that of any previous year in the history of the United States. While final figures are not available the total will be well over half a billion dollars. In spite of the steady development of fire fighting science and equipment and fire protection engineering there has been a steadily increasing fire loss year after year. The figures are now reaching such tremendous proportions that the National Fire Protection Association believes that it is justified in making an appeal to all persons in a position to inform the public, to make a sustained effort during the present year to spread the gospel of fire prevention. It seems clear that fire prevention education is the most important factor at the present time toward a reduction of fire losses. It is safe to say that over seventy-five per cent of this waste is preventable. Public indifference, carelessness, or ignorance is responsible for most of our fires. Consider the chief cause of fires—Matches—Smoking. This one item costs us in the neighborhood of eighteen million dollars yearly. This hazard can only be reduced through a widespread campaign conducted by the press with the co-operation of the various national associations, fire marshals, and other bodies and individuals of influence. Any of the other main fire hazards, such as electricity or defective chimneys could be reduced by a similar campaign. There are few items more deserving of publicity or more directly related to public welfare than fire prevention. Those who recognize this needless waste, and support the fight against it are performing a valuable public service. The National Fire Protection Association is at all times ready and willing to supply information or assistance to anyone interested in preventing fire losses. This year can be made the turning point. A stand must be made against this disastrous rising tide of fire. There is no better time than now. Your support is earnestly requested. Address for bulletins, statistics and other information:

National Fire Protection Association,
87 Milk Street,
Boston, Mass.